

MAR 1 6 2005

**POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO**

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

**22971**

OR

☐ Practitioner(s) named below (If more than ten patent practitioners are to be named, then a customer number must be used):

Name	Registration Number

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with  
Customer Number:

**22971**

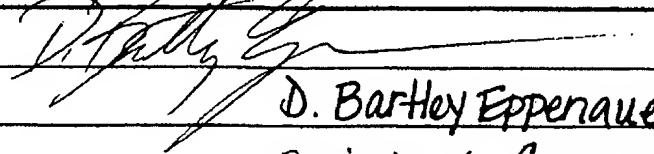
**Assignee Name and Address:**

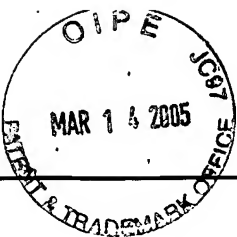
**MICROSOFT CORPORATION  
ONE MICROSOFT WAY  
REDMOND, WA 98052**

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

**SIGNATURE of Assignee of Record**

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

Signature		Date <b>12/20/2004</b>
Name	<b>D. Bartley Eppenauer</b>	Telephone <b>425-703-0045</b>
Title	<b>Assistant Secretary</b>	



**STATEMENT UNDER 37 CFR 3.73(b)**

Applicant/Patent Owner: Microsoft Corporation

Application No./Patent No.: 10/805,083 Filed/Issue Date: March 19, 2004

Entitled: ENFORCING CURRENCY AND CONSISTENCY CONSTRAINTS IN DATABASE QUERY PROCESSING

Microsoft Corporation, a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignments were recorded in the United States Patent and Trademark Office at Reel \_\_\_\_, Frame \_\_\_\_; or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee pursuant to the accompanying copy of an executed General Power of Attorney (PTO/SB/80).

3/9/05  
Date

(425) 707-3913  
Telephone number

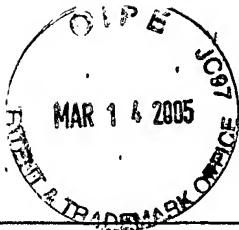
Paul B. Heynssens

Typed or printed name

Paul B. Heynssens  
Signature

Patent Attorney – Registration No. 47,648

Title



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Serial Number.....N/A  
Filing Date.....N/A  
Inventorship.....Larson et al.  
Applicant.....Microsoft Corporation  
Attorney's Docket No. .... 16-570  
Title: Enforcing Currency and Consistency Constraints in Database Query Processing

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT

Assignor(s):

Per-Åke Larson  
14923 NE 76<sup>th</sup> Court  
Redmond, WA 98052

Jonathan David Goldstein  
12721 NE 81<sup>st</sup> PI  
Kirkland, WA 98033

Raghu Ramakrishnan  
1210 West Dayton Street  
Madison, WI 53706

Hongfei Guo  
1210 West Dayton Street  
Madison, WI 53706

Assignee:

Microsoft Corporation  
Corporation in the State of Washington  
One Microsoft Way  
Redmond, WA 98052


## AGREEMENT

WHEREAS, ASSIGNOR(S) (listed above) are inventor(s) of an invention entitled "Enforcing Currency and Consistency Constraints in Database Query Processing," as described and claimed in the specification forming part of an application for United States letters patent referenced above;

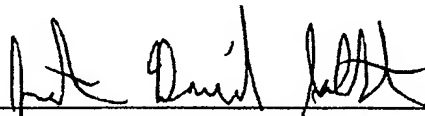
WHEREAS, Microsoft Corporation (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at One Microsoft Way, Redmond, WA 98052, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sell, assign and transfer unto ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(S) had this assignment, transfer and sale not been made. ASSIGNOR(S) hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR(S) agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

3/16/2004  
Date

  
Per-Åke Larson

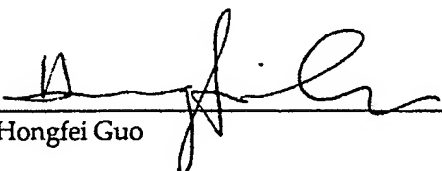
3/16/2004  
Date

  
Jonathan David Goldstein

                      
Date

                      
Raghu Ramakrishnan

3/16/2004  
Date

  
Hongfei Guo

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Date


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Per-Ake Larson

\_\_\_\_\_  
Date

\_\_\_\_\_  
Jonathan David Goldstein

Mar 19, 2004

\_\_\_\_\_  
Date

  
\_\_\_\_\_  
Raghu Ramakrishnan

\_\_\_\_\_  
Date

\_\_\_\_\_  
Hongfei Guo